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ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

s Kirchmeyer, Stephan/in

1 FILES SEARCHED...

L1 54 KIRCHMEYER, STEPHAN/IN

=> s 11 and polythiophene#

L2 6 L1 AND POLYTHIOPHENE#

=> d 12 1-6

L2 ANSWER 1 OF 6 EUROPATFULL COPYRIGHT 2003 WILA

Full
Text

PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

AN 1215224 EUROPATFULL ED 20020626 EW 200225 FS OS

TIEN Polythiophene.

TIDE Polythiophene.

TIFR Polythiophene.

IN Kirchmeyer, Stephan, Dr., Ernst-Ludwig-Kirchner-Strasse 45, 51375
Leverkusen, DE;

Wussow, Klaus, Dr., Oberlinweg 8, 57250 Netphen, DE;

Jonas, Friedrich, Dr., Krugenofen 15, 52066 Aachen, DE;

Elschner, Andreas, Dr., Lederstrasse 6, 45479 Muelheim, DE

PA BAYER AG, 51368 Leverkusen, DE

SO Wila-EPZ-2002-H25-T1a

DS R AT; R BE; R CH; R CY; R DE; R DK; R ES; R FI; R FR; R GB; R GR; R IE;
R IT; R LI; R LU; R MC; R NL; R PT; R SE; R TR; R AL; R LT; R LV; R MK;
R RO; R SI

PIT EPAL EUROPAEISCHE PATENTANMELDUNG

PI EP 1215224 A1 20020619

OD 20020619

AI EP 2001-126452 20011109

PRAI DE 2000-10058116 20001122

IC ICM C08G061-12

ICS H01B001-12

L2 ANSWER 2 OF 6 PCTFULL COPYRIGHT 2003 Univentio

Full
Text

AN 2002072660 PCTFULL ED 20020927 EW 200238

TIEN NOVEL POLYTHIOPHENE DISPERSIONS

TIFR NOUVELLES DISPERSIONS DE POLYTHIOPHENE

TIDE NEUE POLYTHIOPHEN-DISPERSIONEN

IN JONAS, Friedrich; KIRCHMEYER, Stephan

PA BAYER AKTIENGESELLSCHAFT, for all designates States except US; JONAS,
Friedrich, for US only; KIRCHMEYER, Stephan, for US only

AG BAYER AKTIENGESELLSCHAFT

LAF German

LA German

DT Patent
 PI WO 2002072660 A1 20020919
 DS AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
 EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
 LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI
 SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW GH GM KE LS MW MZ SD
 SL SZ TZ UG ZM ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR
 GB GR IE IT LU MC NL PT SE TR BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN
 TD TG
 AI WO 2002-EP2066 A 20020227
 PRAI DE 2001-101 11 790.6 20010312
 ICM C08G061-12
 ICS H01B001-12

L2 ANSWER 3 OF 6 PCTFULL COPYRIGHT 2003 Univentio

Full
Text

AN 2002042352 PCTFULL ED 20020610 EW 200222
 TIEN DISPERSIBLE POLYMER POWDERS
 TIFR POUDRES POLYMERES DISPERSIBLES
 TIDE DISPERGIERBARE POLYMERPULVER
 IN WESSLING, Bernhard; **KIRCHMEYER, Stephan**; GEHRMANN, Dietrich
 PA BAYER AKTIENGESELLSCHAFT, for all designates States except US; WESSLING,
 Bernhard, for US only; KIRCHMEYER, Stephan, for US only; GEHRMANN,
 Dietrich, for US only
 AG BAYER AKTIENGESELLSCHAFT
 LAF German
 LA German
 DT Patent
 PI WO 2002042352 A2 20020530
 DS AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
 EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
 LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI
 SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZM ZW GH GM KE LS MW MZ SD SL
 SZ TZ UG ZM ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB
 GR IE IT LU MC NL PT SE TR BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD
 TG
 AI WO 2001-EP13390 A 20011120
 PRAI DE 2000-100 58 118.8 20001122
 DE 2001-101 55 238.6 20011109
 ICM C08G061-12
 ICS C08L065-00; C09D005-24; H01B001-12

L2 ANSWER 4 OF 6 PCTFULL COPYRIGHT 2003 Univentio

Full
Text

AN 2000045625 PCTFULL ED 20020515
 TIEN METHOD FOR THE DIRECT ELECTROPLATING OF THROUGH-HOLES IN PRINTED CIRCUIT
 BOARDS
 TIFR PROCEDE DE METALLISATION GALVANIQUE DIRECTE DES TROUS DE CARTES DE
 CIRCUITS
 IN **KIRCHMEYER, Stephan**; JONAS, Friedrich
 PA BAYER AKTIENGESELLSCHAFT; KIRCHMEYER, Stephan; JONAS, Friedrich
 LA German
 DT Patent
 PI WO 2000045625 A2 20000803
 DS AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB
 GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA
 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA
 UG US UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ BY KG KZ MD
 RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF
 CG CI CM GA GN GW ML MR NE SN TD TG
 AI WO 2000-EP256 A 20000114
 PRAI DE 1999-199 03 108.8 19990127

ICM H05K003-00

L2 ANSWER 5 OF 6 USPATFULL

Full Citing
Text References

AN 2002:308451 USPATFULL
 TI Novel **polythiophene** dispersions
 IN Jonas, Friedrich, Aachen, GERMANY, FEDERAL REPUBLIC OF
Kirchmeyer, Stephan, Leverkusen, GERMANY, FEDERAL REPUBLIC OF
 PI US 2002173579 A1 20021121
 AI US 2002-93219 A1 20020307 (10)
 PRAI DE 2001-111790 20010312
 DT Utility
 FS APPLICATION
 LN.CNT 574
 INCL INCLM: 524/502.000
 NCL NCLM: 524/502.000
 IC [7]
 ICM: C08L001-00
 ICS: C08K003-00; C08J003-00
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 6 OF 6 USPATFULL

Full Citing
Text References

AN 2002:149291 USPATFULL
 TI **Polythiophenes**
 IN **Kirchmeyer, Stephan**, Leverkusen, GERMANY, FEDERAL REPUBLIC OF
 Wussow, Klaus, Netphen, GERMANY, FEDERAL REPUBLIC OF
 Jonas, Friedrich, Aachen, GERMANY, FEDERAL REPUBLIC OF
 Elschner, Andreas, Mulheim, GERMANY, FEDERAL REPUBLIC OF
 PI US 2002077450 A1 20020620
 AI US 2001-988858 A1 20011121 (9)
 PRAI DE 2000-10058116 20001122
 DT Utility
 FS APPLICATION
 LN.CNT 489
 INCL INCLM: 528/373.000
 NCL NCLM: 528/373.000
 IC [7]
 ICM: C08G075-00
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> s **polythiophene#**

L3 4251 POLYTHIOPHENE#

=> s **13 and oxidant#**

L4 451 L3 AND OXIDANT#

=> s **14 and phase transfer catalyst#**

L5 3 L4 AND PHASE TRANSFER CATALYST#

=> d **15 1-3**

L5 ANSWER 1 OF 3 EUROPATFULL COPYRIGHT 2003 WILA

Full
Text

PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

AN 295084 EUROPATFULL ED 20001001 EW 198850 FS OS STA B
 TIEN Novel copolymers and electroactive polymers derived from same.

TIDE Copolymere und daraus abgeleitete elektroaktive Polymere.
TIFR Copolymeres et polymeres electroactifs qui en derivent.
IN Shikatani, Yutaka, 2-228, Kosugi-cho Nakahara-ku, Kawasaki-shi
Kanagawa-ken, JP;
Kuroda, Nobuyuki, 185-2, Shirahatakami-cho Kanagawa-ku, Yokohama-shi
Kanagawa-ken, JP;
Shimo, Yoshiyuki, 155-72, Honmokuohsato-cho Naka-ku, Yokohama-shi
Kanagawa-ken, JP;
Kataoka, Naoki, 17-25, Shinjonaka-machi Nakahara-ku, Kawasaki-shi
Kanagawa-ken, JP;
Matsuura, Kazuo, 2-22-18, Higashiyukigaya, Ohta-ku Tokyo, JP;
Kawamata, Etsuo, 2-228, Kosugi-cho Nakahara-ku, Kawasaki-shi
Kanagawa-ken, JP;
Kobayashi, Hiroshi, 155-72, Honmokuohsato-cho Naka-ku, Yokohama-shi
Kanagawa-ken, JP
PA NIPPON OIL CO. LTD., 3-12, 1-chome Nishi-Shinbashi, Minato-ku Tokyo 105,
JP
SO Wila-EPZ-1988-H50-T1
DS R DE; R FR; R GB
PIT EPA2 EUROPAEISCHE PATENTANMELDUNG
PI EP 295084 A2 19881214
OD 19881214
AI EP 1988-305237 19880608
PRAI JP 1987-143267 19870610
JP 1987-153427 19870622
JP 1987-153429 19870622
IC ICM C08G073-06
ICS C08G061-12 H01B001-12

GRANTED PATENT - ERTEILTES PATENT - BREVET DELIVRE

AN 295084 EUROPATFULL UP 20010906 EW 199438 FS PS STA B
TIEN Novel copolymers and electroactive polymers derived from same.
TIDE Copolymere und daraus abgeleitete elektroaktive Polymere.
TIFR Copolymeres et polymeres electroactifs qui en derivent.
IN Shikatani, Yutaka, 2-228, Kosugi-cho Nakahara-ku, Kawasaki-shi
Kanagawa-ken, JP;
Kuroda, Nobuyuki, 185-2, Shirahatakami-cho Kanagawa-ku, Yokohama-shi
Kanagawa-ken, JP;
Shimo, Yoshiyuki, 155-72, Honmokuohsato-cho Naka-ku, Yokohama-shi
Kanagawa-ken, JP;
Kataoka, Naoki, 17-25, Shinjonaka-machi Nakahara-ku, Kawasaki-shi
Kanagawa-ken, JP;
Matsuura, Kazuo, 2-22-18, Higashiyukigaya, Ohta-ku Tokyo, JP;
Kawamata, Etsuo, 2-228, Kosugi-cho Nakahara-ku, Kawasaki-shi
Kanagawa-ken, JP;
Kobayashi, Hiroshi, 155-72, Honmokuohsato-cho Naka-ku, Yokohama-shi
Kanagawa-ken, JP
PA NIPPON OIL CO. LTD., 3-12, 1-chome Nishi-Shinbashi, Minato-ku Tokyo 105,
JP
SO Wila-EPS-1994-H38-T1
DS R DE; R FR; R GB
PIT EPB1 EUROPAEISCHE PATENTSCHRIFT
PI EP 295084 B1 19940921
OD 19881214
AI EP 1988-305237 19880608
PRAI JP 1987-143267 19870610
JP 1987-153427 19870622
JP 1987-153429 19870622
REP GB 2130594 A US 4505844 A
US 4548738 A US 4631323 A
REN PATENT ABSTRACTS OF JAPAN, vol. 10, no. 182 (C-356) (2238), 25th June
1986; &
JP-A-6128524 SYNTHETIC METALS, vol. 10, 1985, pages 281-292; S. JENEKHE
et al.: "Electrically conducting complexes of poly(3,6-N-Methylcarbazoyle

methylene)"
 IC ICM C08G073-06
 ICS C08G061-12 H01B001-12 C08G016-02 H01M004-60

L5 ANSWER 2 OF 3 USPATFULL

Full Text	Citing References
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AN 2002:149291 USPATFULL
 TI **Polythiophenes**
 IN Kirchmeyer, Stephan, Leverkusen, GERMANY, FEDERAL REPUBLIC OF
 Wussow, Klaus, Netphen, GERMANY, FEDERAL REPUBLIC OF
 Jonas, Friedrich, Aachen, GERMANY, FEDERAL REPUBLIC OF
 Elschner, Andreas, Mulheim, GERMANY, FEDERAL REPUBLIC OF
 PI US 2002077450 A1 20020620
 AI US 2001-988858 A1 20011121 (9)
 PRAI DE 2000-10058116 20001122
 DT Utility
 FS APPLICATION
 LN.CNT 489
 INCL INCLM: 528/373.000
 NCL NCLM: 528/373.000
 IC [7]
 ICM: C08G075-00

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 3 OF 3 USPATFULL

Full Text	Citing References
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AN 90:67720 USPATFULL
 TI Novel copolymers and electroactive polymers derived from same
 IN Shikatani, Yutaka, Kawasaki, Japan
 Kuroda, Hobuyuki, Yokohama, Japan
 Kataoka, Naoki, Kawasaki, Japan
 Shimo, Yoshiyuki, Yokohama, Japan
 Matsuura, Kazuo, Tokyo, Japan
 Kawamata, Etsuo, Kawasaki, Japan
 Kobayashi, Hiroshi, Yokohama, Japan
 PA Nippon Oil Company, Limited, Japan (non-U.S. corporation)
 PI US 4952667 19900828
 AI US 1988-204083 19880608 (7)
 PRAI JP 1987-153429 19870622
 JP 1987-153427 19870622
 JP 1987-143267 19871006
 DT Utility
 FS Granted
 LN.CNT 482
 INCL INCLM: 528/230.000
 INCLS: 528/247.000; 528/248.000; 528/249.000; 528/266.000; 528/269.000;
 252/500.000; 252/511.000
 NCL NCLM: 528/230.000
 NCLS: 252/500.000; 252/511.000; 528/247.000; 528/248.000; 528/249.000;
 528/266.000; 528/269.000
 IC [5]
 ICM: C08G010-02
 EXF 528/230; 528/247; 528/248; 528/249; 528/266; 528/269; 252/500; 252/511
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> s 14 and sulfonic acid

L6 211 L4 AND SULFONIC ACID

=> s 16 and (phase transfer catalyst# or quaternary ammonium salt#)

L7 7 L6 AND (PHASE TRANSFER CATALYST# OR QUATERNARY AMMONIUM SALT#)

=> d 17 1-7

L7 ANSWER 1 OF 7 EUROPATFULL COPYRIGHT 2003 WILA

Full
Text

PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

AN 1202115 EUROPATFULL ED 20020507 EW 200218 FS OS
 TIEN Silver halide photographic material comprising a permanent conductive
 subbing layer and a scratch-resistant backing layer.
 TIDE Photographisches Silberhalogenidmaterial mit einer dauerhaften
 elektrisch leitenden Haftvermittlungsschicht und einer kratzfesten
 Rueckseitenschicht.
 TIFR Materiau photographique a l'halogenure d'argent comprenant une couche
 adhesive a electroconductivite permanente et une couche dorsale
 resistant aux rayures.
 IN Viaene, Kris Agfa Gevaert, Corporate IP Department 3800 Septestraat 27,
 2640 Mortsel, BE;
 Van Thillo, Etienne c/o Agfa-Gevaert, Corporate IP Department 3800
 Septestraat 27, 2640 Mortsel, BE;
 Andries, Hartwig c/o Agfa-Gevaert, Corporate IP Department 3800
 Septestraat 27, 2640 Mortsel, BE
 PA AGFA-GEVAERT, Septestraat 27, 2640 Mortsel, BE
 SO Wila-EPZ-2002-H18-T2a
 DS R AT; R BE; R CH; R CY; R DE; R DK; R ES; R FI; R FR; R GB; R GR; R IE;
 R IT; R LI; R LU; R MC; R NL; R PT; R SE; R TR; R AL; R LT; R LV; R MK;
 R RO; R SI
 PIT EPA1 EUROPAEISCHE PATENTANMELDUNG
 PI EP 1202115 A1 20020502
 OD 20020502
 AI EP 2001-511 20010928
 PRAI EP 2000-203479 20001005
 IC ICM G03C001-91
 ICS G03C001-93 G03C001-76

L7 ANSWER 2 OF 7 PCTFULL COPYRIGHT 2003 Univentio

Full
Text

AN 2002094910 PCTFULL ED 20021210 EW 200248
 TIEN ELECTROLUMINESCENT POLYMERS AND USE THEREOF IN LIGHT-EMITTING DEVICES
 TIFR POLYMERES ELECTROLUMINESCENTS ET LEUR UTILISATION DANS DES DISPOSITIFS
 EMETTANT DE LA LUMIERE
 IN PEI, Qibing
 PA SRI INTERNATIONAL
 AG REED, Dianne, E.
 LAF English
 LA English
 DT Patent
 PI WO 2002094910 A1 20021128
 DS AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
 EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
 LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI
 SK SL TJ TM TN TR TT T2 UA UG UZ VN YU ZA ZM ZW GH GM KE LS MW MZ SD SL
 SZ TZ UG ZM ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB
 GR IE IT LU MC NL PT SE TR BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD
 TG
 AI WO 2002-US16180 A 20020522
 PRAI US 2001-09/864,704 20010523
 ICM C08G073-00

L7 ANSWER 3 OF 7 USPATFULL

Full
Text

Citing
References

AN 2003:18086 USPATFULL
 TI Electroluminescent polymers and use thereof in light-emitting devices
 IN Pei, Qibing, Fremont, CA, UNITED STATES
 PI US 2003013843 A1 20030116
 AI US 2002-153229 A1 20020521 (10)
 RLI Continuation-in-part of Ser. No. US 2001-864704, filed on 23 May 2001,
 PENDING
 DT Utility
 FS APPLICATION
 LN.CNT 1600
 INCL INCLM: 528/422.000
 NCL NCLM: 528/422.000
 IC [7]
 ICM: C08G073-00

L7 ANSWER 4 OF 7 USPATFULL

Full Text	Citing References
--------------	----------------------

AN 2002:338181 USPATFULL
 TI Conjugated electroluminescent polymers and associated methods of
 preparation and use
 IN Pei, Qibing, Fremont, CA, UNITED STATES
 PI US 2002193551 A1 20021219
 AI US 2001-864704 A1 20010523 (9)
 DT Utility
 FS APPLICATION
 LN.CNT 1529
 INCL INCLM: 528/086.000
 INCLS: 528/211.000; 528/422.000; 528/423.000; 528/486.000; 525/242.000;
 544/001.000; 428/690.000; 428/917.000
 NCL NCLM: 528/086.000
 NCLS: 528/211.000; 528/422.000; 528/423.000; 528/486.000; 525/242.000;
 544/001.000; 428/690.000; 428/917.000
 IC [7]
 ICM: C08G073-00

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 5 OF 7 USPATFULL

Full Text	Citing References
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AN 2002:227861 USPATFULL
 TI Silver halide photographic material comprising a permanent conductive
 subbing layer and a scratch-resistant backing layer
 IN Viaene, Kris, Bonheiden, BELGIUM
 Thillo, Etienne Van, Essen, BELGIUM
 Andries, Hartwig, Rupelmonde, BELGIUM
 PI US 2002123013 A1 20020905
 AI US 2001-968292 A1 20011001 (9)
 PRAI EP 2000-203479 20001005
 US 2000-243475P 20001027 (60)
 DT Utility
 FS APPLICATION
 LN.CNT 1433
 INCL INCLM: 430/522.000
 INCLS: 430/510.000; 430/517.000; 430/527.000; 430/529.000; 430/530.000;
 430/961.000
 NCL NCLM: 430/522.000
 NCLS: 430/510.000; 430/517.000; 430/527.000; 430/529.000; 430/530.000;
 430/961.000
 IC [7]
 ICM: G03C001-825
 ICS: G03C001-83; G03C001-85; G03C001-89; G03C001-93

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 6 OF 7 USPATFULL

Full Text	Citing References
-----------	-------------------

AN 2002:149291 USPATFULL
 TI **Polythiophenes**
 IN Kirchmeyer, Stephan, Leverkusen, GERMANY, FEDERAL REPUBLIC OF
 Wussow, Klaus, Netphen, GERMANY, FEDERAL REPUBLIC OF
 Jonas, Friedrich, Aachen, GERMANY, FEDERAL REPUBLIC OF
 Elschner, Andreas, Mulheim, GERMANY, FEDERAL REPUBLIC OF
 PI US 2002077450 A1 20020620
 AI US 2001-988858 A1 20011121 (9)
 PRAI DE 2000-10058116 20001122
 DT Utility
 FS APPLICATION
 LN.CNT 489
 INCL INCLM: 528/373.000
 NCL NCLM: 528/373.000
 IC [7]
 ICM: C08G075-00
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 7 OF 7 USPATFULL

Full Text	Citing References
-----------	-------------------

AN 94:3835 USPATFULL
 TI Method of processing neutral polyanilines in solvent and solvent mixtures
 IN Han, Chien-Chung, Madison, NJ, United States
 Shacklette, Lawrence W., Maplewood, NJ, United States
 Elsenbaumer, Ronald, Morristownship, Morris County, NJ, United States
 PA Allied Signal Inc., Morristown, NJ, United States (U.S. corporation)
 PI US 5278213 19940111
 AI US 1991-689420 19910422 (7)
 DT Utility
 FS Granted
 LN.CNT 1538
 INCL INCLM: 524/233.000
 INCLS: 528/422.000
 NCL NCLM: 524/233.000
 NCLS: 528/422.000
 IC [5]
 ICM: C08K005-20
 EXF 524/233; 528/422
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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